

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

first Named Inventor: MURANAKA, Masaya

**Art Unit:** 

Appln. No.: 10/588,788

**Examiner:** 

Filed: August 9, 2006

**Confirmation No.:** 

For: RANDOM NUMBER GENERATING METHOD AND SEMICONDUCTOR INTEGRATED CIRCUIT

**DEVICE** 

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, and without any assertion as to materiality or prior art effect, the documents listed on the attached Form PTO/SB/08A are hereby cited.

Documents 2-3, 5-8, and 10 are listed on the International Search Report (copy enclosed).

Documents 5, 11 and 12 were cited in the specification (see pages 2 and 62), and their relevance is indicated therein.

The Commissioner is hereby authorized to charge to Deposit Account No. 50-1165 (T3351-11801US01) any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby requested.

Respectfully submitted,

Date: September 20, 2006

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MWS:skw

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PTO/SB/08A (08-03)

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Attorney Docket Number

Substitute for form 1449A/PTO

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Sheet 1 of 1

Comp	lete it Known
Application Number	10/588,788
Filing Date	August 9, 2006
First Named Inventor	MURANAKA, MASAYA
Art Unit	
Examiner Name	

XA-10628

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	U.S. Patent Document  Kind Code <sup>2</sup> Number (if known)		Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
	1	6,941,536	B2	Muranaka	03-18-2004		
	2	2004/0053429	A1	Muranaka	03-18-2004		
	3	5,963,104	Α	Buer	10-05-1999		
	4	2003/0061250	A1	Fujita et al.	03-27-2003		
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		Foreign Patent Document			Name of Patentee or	Publication Date	Pages, Columns, Lines, Where	
Examiner Initials*	Cite No. 1	Office <sup>3</sup>	Number⁴	Kind Code 5 (if known)	Applicant of Cited Document	MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	Te
	5	JP	2003-17325	64 A		06-20-2003	Corresponds to cite 4	Abstract
	6	JP	2003-33245	2 A		11-21-2003		Abstract
	7	JP	2003-10836	3 A		04-11-2003		Abstract
	8	JP	1-114211	Α	-	05-02-1989	Corresponds to cite 9	Abstract
	9	EP	0 308 294	A2		09-02-1988		
	10	WO	01/67231	A2		09-13-2001		
	11	JP	2000-66585	A		03-03-2000		Abstract

Examiner	(Chuana Nan/	Date	04/21/2009
Signature	/Chuong Ngo/ L	Considered	04/21/2009

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO				Complete it Known		
				Application Number	10/588,788	
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				Art Unit		
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	(use as ma	ny sh	eets as necessary)			
Sheet	2	of	2	Attorney Docket Number	XA-10628	

	<del>,</del>	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
xaminer Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	12	Fujita et al., "Ultrasmall Random Number Generators for High-Level Information Security," Toshiba Review, Volume 58, No. 8, pp. 47-51 (2003).	No

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Signature	/Chuong Ngo/	Considered	04/21/2009

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